

U.S. Application No. 09/599,736

Amendments to the Abstract

Please replace the Abstract with the substitute Abstract attached hereto.

ABSTRACT

DIFFERENTIATED SERVICE NETWORK AND METHOD OF OPERATING A DIFFERENTIATED SERVICE NETWORK

41 A differentiated service network having a plurality of routers. An operating condition such as stability may be determined at a first router. An indication of the operating condition may be propagated from a first router to a second router such as an edge router. Based on the indication of the operating condition, one or more parameters of a constraint may be adjusted. The indication may be a signal corresponding to a network traffic status.